

# CARLSON, GASKEY & OLDS, P.C.

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Date:	December 18, 2001	Time:	
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Fax Number:	703 872 9302	At:	Carlson, Gaskey & Olds
From:	Laura Combs	Fax Number:	(248) 988-8363
Pages (including cover page):	8	Client Billing Number:	60,446-244

SERIAL NO. 10/808,150

Thank you for speaking with me today. Please see the attached Assignment with all signatures attached.  
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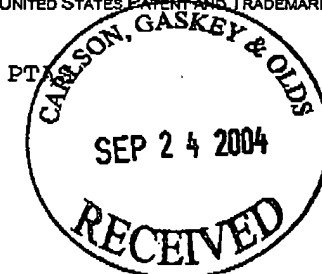
UNITED STATES PATENT AND TRADEMARK OFFICE

60446-244 *KAL*

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 18, 2004

CARLSON, GASKEY & OLDS, P.C.  
THEODORE W. OLDS  
400 WEST MAPLE  
SUITE 350  
BIRMINGHAM, MI 48009



\*102712697A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102712697

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT *AB* WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

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LENELL MACKALL, SUPERVISOR  
ASSIGNMENT DIVISION  
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03-31-2004

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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)		RECO. 102712697 PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): James H. DeVore Charles E. Allen, Jr. Winfried Sturmer Karl-Fritz Heinzelmann Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: ZF Mcritor, LLC Internal Address: _____ Street Address: 5275 Skyway Church Road City: Maxton State: NC Zip: 28364 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ 2/9/04; 12/22/03; 3/24/04; 12/11/03; 12/22/03; 2/19/04; 2/18/04; 2/17/04; Execution Date: 2/13/04			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, enter the date the patent was signed by the first named executing inventor: 2/9/2004 A. Patent Application No.(s) 10808150 Herewith Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B. Patent No.(s)	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: THEODORE W. OLDS Internal Address: Carlson, Gaskey & Olds, P.C. Street Address: 400 West Maple Suite 350 City: Birmingham State: Michigan Zip: 48009		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-1482 <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. THEODORE W. OLDS Signature March 24, 2004 Date			
Total number of pages including cover sheet, attachments, and documents: 5			

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

60,446-244; 03ZFM046

**ASSIGNMENT**

WHEREAS, we, James H. DeVore, Charles E. Allen, Jr., Winfried Stürmer, Karl-Fritz Heinzelmann, Ludger Ronge, Loren C. Dreier, Robert A. Sayman, Ronald P. Muetzel, and Muncer AbuSamra (hereinafter referred to as Assignors), residing respectively at 11400 Kerrimur Drive, Laurinburg, NC 28352, 555 Ten Point Drive, Rochester Hills, MI 48309, An den Schwalgen 29, 97502 Euerbach, Schuster-Str. 25, D88074, Meckenbeuren, Riedstr. 7/1, 88097 Eriskirch, 1231 Greenbriar Pl., Vass, NC 28394, 12583 Lakewood Drive, Laurinburg, NC 28352, Konstantin-Schmaeh Str. 5, 88045 Friedrichshafen, Germany, and 255 West Hedgelawn Way, Southern Pines, NC 28387; have invented new and useful improvements in:

**CLUTCH ASSEMBLY WITH SMOOTH ENGAGEMENT**

which is set forth in an application in the United States filed herewith;

AND WHEREAS, ZF Meritor, LLC (hereinafter referred to as Assignee), of 22021 Skyway Church Road, Maxton, North Carolina 28364 is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 2004-02-09

Inventor:

  
James H. DeVore

60,446-244; 03ZFM046

Dated: 12-22-03

Inventor: Charles E. Allen  
Charles E. Allen, Jr.

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Winfried Stürmer

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Karl-Fritz Heinzelmann

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Ludger Ronge

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Loren C. Dreier

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Robert A. Sayman

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Ronald P. Muetzel

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Muneer AbuSamra

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Kerrie A. Laba, Esq.  
Carlson, Gaskey & Olds  
400 W. Maple Road, Ste. 350  
Birmingham, MI 48009  
(248) 988-8360

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60,446-244; 03ZFM046

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Charles E. Allen, Jr.

Dated: March 24, 2004

Inventor: Winfried Stürmer  
Winfried Stürmer

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Karl-Fritz Heinzelmann

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Ludger Ronge

Dated: \_\_\_\_\_

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60,446-244; 03ZFM046

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Charles E. Allen, Jr.

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Winfried Stürmer

Dated: 03 17 11

Inventor: Karl-Fritz Heinzelmann  
Karl-Fritz Heinzelmann

Dated: Dec. 22, 2003

Inventor: Ludger Bonge  
Ludger Bonge

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Loren C. Dreier

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Robert A. Sayman

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Ronald P. Muetzel

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Muneer AbuSamra

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60,446-244: 03ZFM046

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Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_

Winfried Stürmer

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_

Karl-Fritz Heinzelmann

Dated: \_\_\_\_\_

Inventor: \_\_\_\_\_

Ludger Ronge

Dated: 2004-FEB-19

Inventor: \_\_\_\_\_

Loren C. Dreier

Dated: 2004-2-18

Inventor: \_\_\_\_\_

Robert A. Sayman

Dated: 2004-2-17

Inventor: \_\_\_\_\_

Ronald P. Muetzel

Dated: 2004-2-13

Inventor: \_\_\_\_\_

Muneer AbuSamra

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